

DERWENT-ACC-NO: 1993-129210

DERWENT-WEEK: 199719

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TITLE: Red azo pigment compsn. prepn. giving deep
colour to mass tone - by adding humic acid or salt to red
azo pigment

PATENT-ASSIGNEE: DAINICHISEIKA COLOR & CHEM MFG [DAIC]

PRIORITY-DATA: 1991JP-0254175 (September 6, 1991)

PATENT-FAMILY:

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ABSTRACTED-PUB-NO: JP 05065425A

BASIC-ABSTRACT:

The compsn. comprises (A) red azo pigment and (B) humic acid or salt. It is prepd. by adding 0.1 to 5 wt. % of humic acid or salt to red azo pigment. The humic acid or salt is added to reaction soln. before synthesis of azo pigment or to dye or pigment slurry after synthesis of the azo pigment, pref. to aq.

soln. of dye after coupling. The salt of humic acid includes alkali metal salt, alkaline earth metal salt and ammonium salt. The azo pigment is obtd. by diazotising diazo component, coupling it with coupling component to prepare sodium salt of dye and adding water soluble salt of metal to it to convert the dye to water insol. azo pigment. Soluble azo dye is obtd. by ageing the insol. azo pigment. The red azo pigment includes insol. azo pigment and soluble azo pigment and is pref. soluble azo pigment.

ADVANTAGE - When used for printing ink, the red azo pigment compsn. gives deep colour to mass tone

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: RED AZO PIGMENT COMPOSITION PREPARATION DEEP COLOUR MASS TONE ADD

HUMIC ACID SALT RED AZO PIGMENT

DERWENT-CLASS: E21 G02

CPI-CODES: E21-B; E21-C01; G02-A04B;

CHEMICAL-CODES:

Chemical Indexing M4 *01*

Fragmentation Code

A200 A212 A220 A238 A256 A425 A430 A548 A960 C710
G015 G017 G023 G111 G221 H4 H401 H441 H602 H641
H8 J0 J011 J1 J131 K0 K4 K431 K5 K534
M1 M122 M145 M210 M211 M240 M281 M320 M411 M510
M520 M532 M540 M630 M781 M903 M904 Q332 W003 W031
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